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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY	Attorney Docket No.			AFD642			
PATENT APPLICATION	First Ir	nventor or i	Application Identifier	Jong-Beom Ba	aek		
TRANSMITTAL	Title	li .	(ALINE-CONTAINING HYPERBRANCHED AROMATIO THER-KETONES)				
(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))				nel No			
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents			ADDRESS TO:	Mail Stop Pate Commissione P.O. Box 1450 Alexandria VA	0	9270 U.S 10/6957	
			<u> </u>			31	
1. X *Fee Transmittal Form (e.g., PTO/SB/17)			7. CD-ROM or CD	-R in duplicate, large table	or Computer Program (App	endix)	
2. Applicant claims small entity status (See 37 CFR 1.27)				 Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) 			
3. X Specification [Total Pages 11]			a. Computer Readable Form (CRF)				
(Preferred arrangement set forth below) - Descriptive title of the invention			b. Specification Sequence Listing on:				
- Cross Reference to Related Applications			i. CD-ROM or CD-R (2 copies); or				
 Statement Regarding Fed sponsored R&D Reference to sequence listing, a table, or a 			ii. Paper				
computer program listing appendix - Background of the Invention			c. Statements verifying identity of above copies				
- Brief Summary of the Invention			ACCOMPANYING APPLICATION PARTS				
- Detailed Description- Claim(s)			Assignment Papers (cover sheet & document(s))				
- Abstract of the Disclosure			10. 37 CFR 1.373(b) Statement X Power of Attorney				
4 Drawing(s) (35 U.S.C. 113) [Total Sheets]			11 English Translation Document (if applicable)				
5. Oath or Declaration [Total Pages 1]			12. X Information Disclosure X Copies of IDS Statement (IDS) PTO-1449 Citations				
a. X Newly executed (original or copy)			13. Prelimina	··· • • · · · · · · · · · · · · · · · ·			
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)			13. Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (should be itemized)				
i. DELETION OF INVENTOR(S)			15. Certified Copy of Priority Document(s)				
Signed statement attached deleting inventor(s)			16. X Request and Certification under 35 U.S.C. 122				
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			(b)(2)(B)(i). Applicant must attach for PTO/SB/35 or its equivalent.				
6. Application Data Sheet. See 37 CFR 1.76			17. Other:				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:							
☐ Continuation ☐ Divisional ☐ Continuation in Part (CIP) of prior application No:							
Prior application information: Examiner: Group / Art Unit: CORRESPONDENCE ADDRESS							
X Customer Number or Bar Code Label O00026902 or □ Correspondence address below							
Name (Insert	Custome	r No. or Atta	ach bar code label here				
Address					110000000000000000000000000000000000000		
City	State			ate Zip Code			
Country	Telepho						
Name (Print / Type) Charles E. Bricker			Registration No. (Attorney / Agent)	26,715		
Signature: Date 10-16-2003							

Substitute PTO/SB/17 (10-96) Complete if Known **Application Number** 60/453,334 FEE TRANSMITTAL Filing Date 02-28-2003 for FY 2004 **First Named Inventor** Jong-Beom Baek Group Art Unit **Examiner Name TOTAL AMOUNT OF PAYMENT** 770 (\$) Attorney Docket Number AFD642 METHOD OF PAYMENT (check one) **FEE CALCULATION** (continued) 1. 区 The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: 3. ADDITIONAL FEES Large Large Small Deposit Account AF 01-0465 Entity Entity Entity Entity Number Code Fee (\$) Code Fee (\$) Fee Description Fee Paid Deposit Account Department of the Air Force 1051 130 205 Name 65 Surcharge - late filing fee or oath Charge Any Additional Fee Required Charge the Issue Fee set in 37 CFR 1.18 at 1052 50 2052 25 Surcharge - late provisional filing under 37 CFR 1.16 and 1.17 the Mailing of the Notice of Allowance, 37 fee or cover sheet Payment Enclosed: 1953 130 1053 Non-English specification 130 ☐ Check □ Money Order For filing a request for □ Other 1812 2,520 1912 2.520 reexamination FEE CALCULATION (fees effective 10/01/2000) Requesting publication of SIR prior 1804 920* 130.5 920 to Examiner Action 1. FILING FEE Requesting publication of SIR after 1805 1,840* 1805 18401 Examiner action Lge Entity Lge Entity Sm. Entity Sm. Entity Extension for response within first 1251 110 2251 55 Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid 1001 770 Extension for response within 2001 385 Utility Filing Fee 770 1252 420 2252 210 second month 1002 340 2002 Extension for response within third 170 Design Filing Fee 1253 950 2253 475 month 1003 530 Extension for response within 2003 265 Plant Filing Fee 1254 1480 27.54 740 fourth month 1004 770 2004 385 Reissue Filing Fee 1401 330 2401 165 Notice of Appea Provisional Filing 1005 160 2005 1402 Filing a brief in support of an 2402 165 330 appeal 1403 290 2403 145 Request for oral hearing Petition to institute a public use SUBTOTAL (1) (\$) 1451 1,510 14= 1 1.510 proceeding Petition to revive unavoidably 1452 110 2452 55 abandoned application 2. CLAIMS Extra Fee from Fee Paid Petition to revive unintentionally 1453 1330 2453 665 abandoned application below **Total Claims** 2 - 20 = 0 х 18 0 1501 1330 2501 685 Utility issue fee (or reissue) Independent claims 2 0 х 3 = = 86 1502 480 Design issue fee 2502 240 Multiple dependent claims 0 840 2500 320 Plant Issue (e-a 1460 130 1460 130 Petitions to the Commissioner Large Entity Processing fee under 37 CFR Small Entity 1807 50 1907 50 1.17(a) Fee Code Sea code Fee (S) Fee Description Submission of Information 1806 180 1806 180 Disclosure Statement 1202 18 2202 9 Recording each patent assignment per property Claims in excess of 20 8021 40 8021 40 1201 86 2201 43 Independent claims in excess of 3 Filing a submission after final 1809 770 2809 388 rejection (37 CFR 1.129(a)) 1203 290 2203 145 Multiple dependent claim 1810 770 2616 395 For each additional invention to be examined (37 CFR 1.129(b)) Reissue independent claims over 1204 86 2204 43 Request for Continued 1801 770 2801 385 original patent Examination (RCE)

1205 Reissue claims in excess of 20 and 18 2205 9 Other fee (specify) over original patent SUBTOTAL (2) (\$) SUBTOTAL (3) *Reduced by Basic Filing Fee Paid SUBMITTED BY Complete (if applicable) Typed or Charles E. Bricker Registration. No. Telephone 26,715 (937) 255-5052 Printed Name Signature Date 10-16-2003

REQUEST AND CERTIFICATION UNDER

35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor Jong-Beom Baek

Title QUINOXALINE-CONTAINING
HYPERBRANCHED AROMATIC POLY(ETHER-KETONES)

Atty Docket Number AFD642

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 1.22(b).

10 - (6 - 200 3 Date

Charles E. Bricker

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and be submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 US.C. 122(b)(2)(B)(iii)).